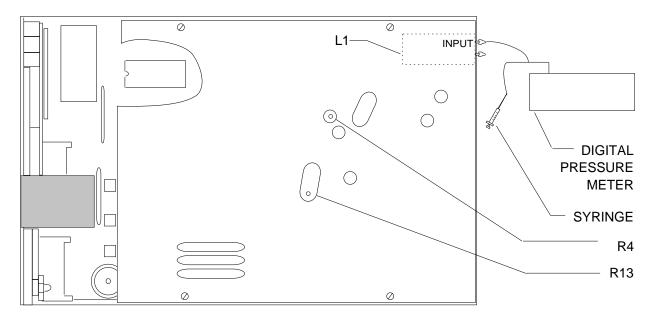
## **CALIBRATION PROCEDURE FOR BAROMED(B)**

## **CALIBRATION PROCEDURE**

**NOTE**: Use proper ESD control during all removal and installation procedures.

- 1. Turn the system power switch to STANDBY.
- 2. Unplug the AC power cable.
- 3. Disable all circuit breakers.
- Remove/disconnect all covers, assemblies, wire harnesses and ribbon cables necessary to gain access to the Baromed(B) monitor.
- 5. If any monitors are located above the Baromed(B) monitor, they must be removed temporarily.
- 6. Remove pressure hose from input of L1 (Figure 1) on the Baromed(B) monitor.

- 7. **Caution**: The input nipple of L1 is very fragile. Use care when disconnecting the hose.
- 8. Connect calibrated digital pressure meter with syringe to the input of L1 on the Baromed(B) monitor.
  - 8.1. Enable all circuit breakers.
  - 8.2. Plug the AC power cable into a live AC receptacle.
- 9. Press both the increment and decrement keys on the Baromed(B) monitor while turning the system power switch to the ON position.



TOP VIEW OF MONITOR

Figure 2: BAROMED(B) ADJUSTMENTS

## **CALIBRATION PROCEDURE (continued)**

- 10. With no pressure applied with the syringe (pressure meter reads 0.00 cm WC). Adjust R13 on Baromed(B) monitor until the display on the monitor reads  $0.00 \pm .5$  cm WC.
- 11. Apply 60.0 cm WC pressure to the Baromed(B) using syringe. Adjust R4 on the monitor until the display reads  $60.0 \pm 2.0$  cm WC.
- NOTE: Since there is an interaction between the R4 and R13 variable resistors, it will be necessary to repeat steps 10 & 11 (adjustments of R4 and R13) until calibration is complete.
- 12. When calibration has been completed, remove the hose which connects the L1 input on the Baromed(B) monitor to the digital pressure meter.
  - 12.1. Turn the system power switch to STANDBY.

- 12.2. Unplug the AC power cable.
- 12.3. Disable all circuit breakers.
- 13. Place a small drop of Glypt insulating varnish on the adjustment screws of the R4 and R13 to prevent the screws from turning.
- 14. If any monitors were removed in step 5, reinstall them at this time.
- 15. Reconnect the pressure hose (removed in step 6) to the L1 on the Baromed(B) monitor.
- 16. Return/reconnect all covers, assemblies, wire harnesses and ribbon cables removed to gain access to the Baromed(B).
- 17. Enable all circuit breakers.
- 18. Plug AC power cable into a live AC receptacle.
- 19. Verify that the unit operates as described in the Operator's Manual.



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